



(19)

(11) Publication number: **62264988 A**

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: **61107690**

(51) Intl. Cl.: **B41M 5/00**

(22) Application date: **13.05.86**

(30) Priority:

(43) Date of  
application  
publication: **17.11.87**

(84) Designated  
contracting states:

(71) Applicant: **CANON INC**

(72) Inventor: **HIKUMA MASAHICO**  
**MOROHOSHI NAOYA**

(74) Representative:

### (54) **MATERIAL TO BE RECORDED AND RECORDING METHOD EMPLOYING SAID MATERIAL**

(57) Abstract:

**PURPOSE:** To improve the optical concentration, resolution, water-proof performance, etc. of a recording screen by laminating an ink transportation layer and an ink holding layer containing a material for depositing the dye in the ink onto a substrate thus forming material to be recorded.

**CONSTITUTION:** An ink holding layer containing material for depositing the dye in the ink is provided on a substrate then an ink transportation layer is further laminated so as to form the material to be recorded. Preferably, the material for depositing the dye in the ink includes alkali metals, alkali earth metals and water soluble salts of other metals, and

is 0.1W30wt% of the ink holding layer. Preferably, the ink transportation layer is porous and mainly composed of particles which do not dye the recording agent and a binding agent. Preferably, the ink holding layer is not porous.

COPYRIGHT: (C)  
1987,JPO&Japio